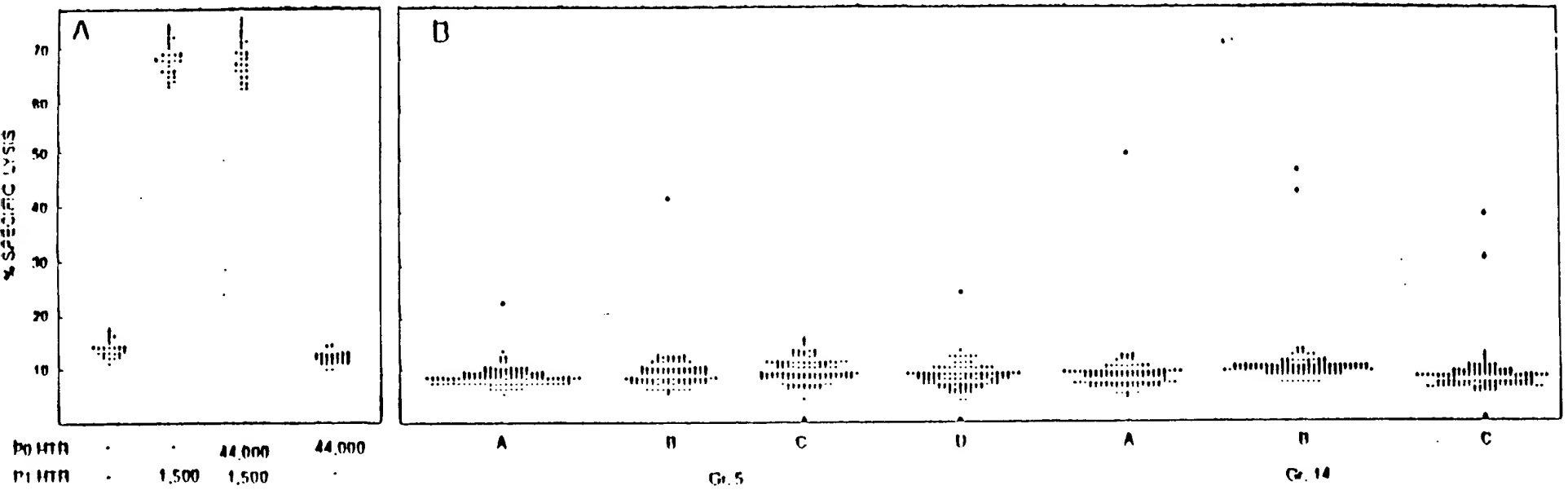


Figure 1

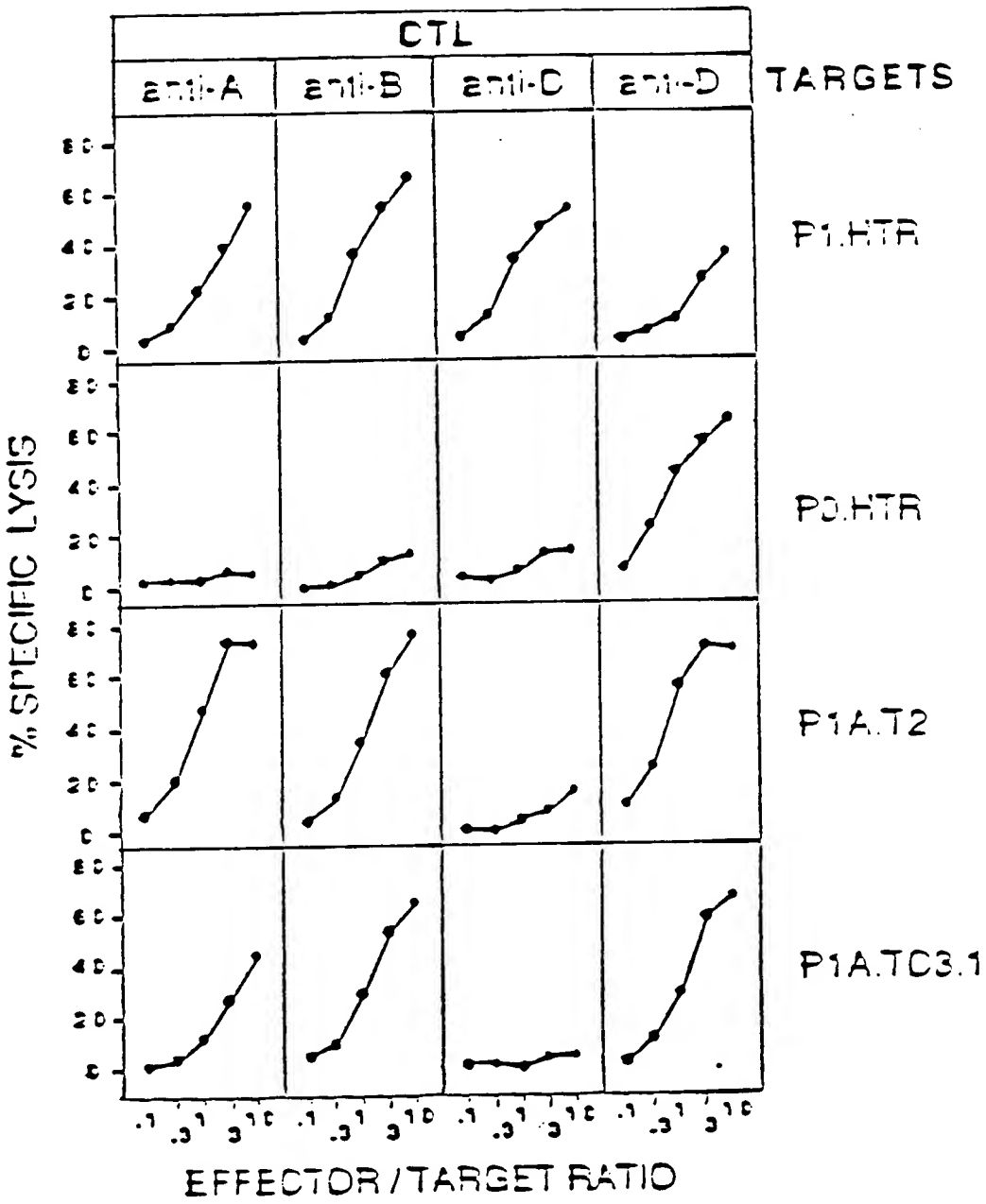
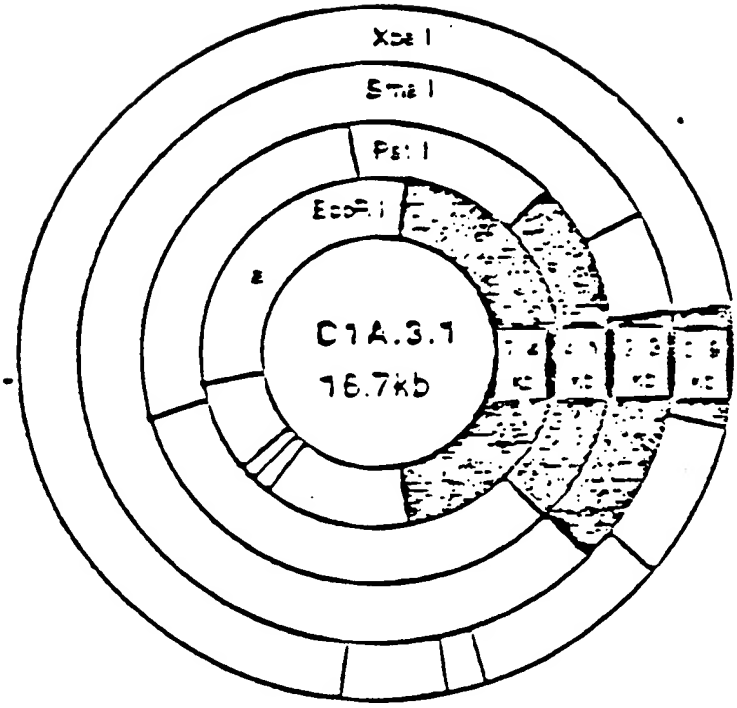

CTL
anti-A
anti-B
anti-C
anti-D
TARGETS
P1.HTR
P0.HTR
P1A.T2
P1A.TC3.1
% SPECIFIC LYSIS
EFFECTOR/TARGET RATIO

Figure 2



Transfection of restriction fragments

	No. of clones expressing P815A / no. of HmB^r clones
4.1 kb Pst I - Pst I	2/15
2.3 kb Sma I - Pst I	18/96
0.9 kb Sma I - Xba I	22/96

Figure 3

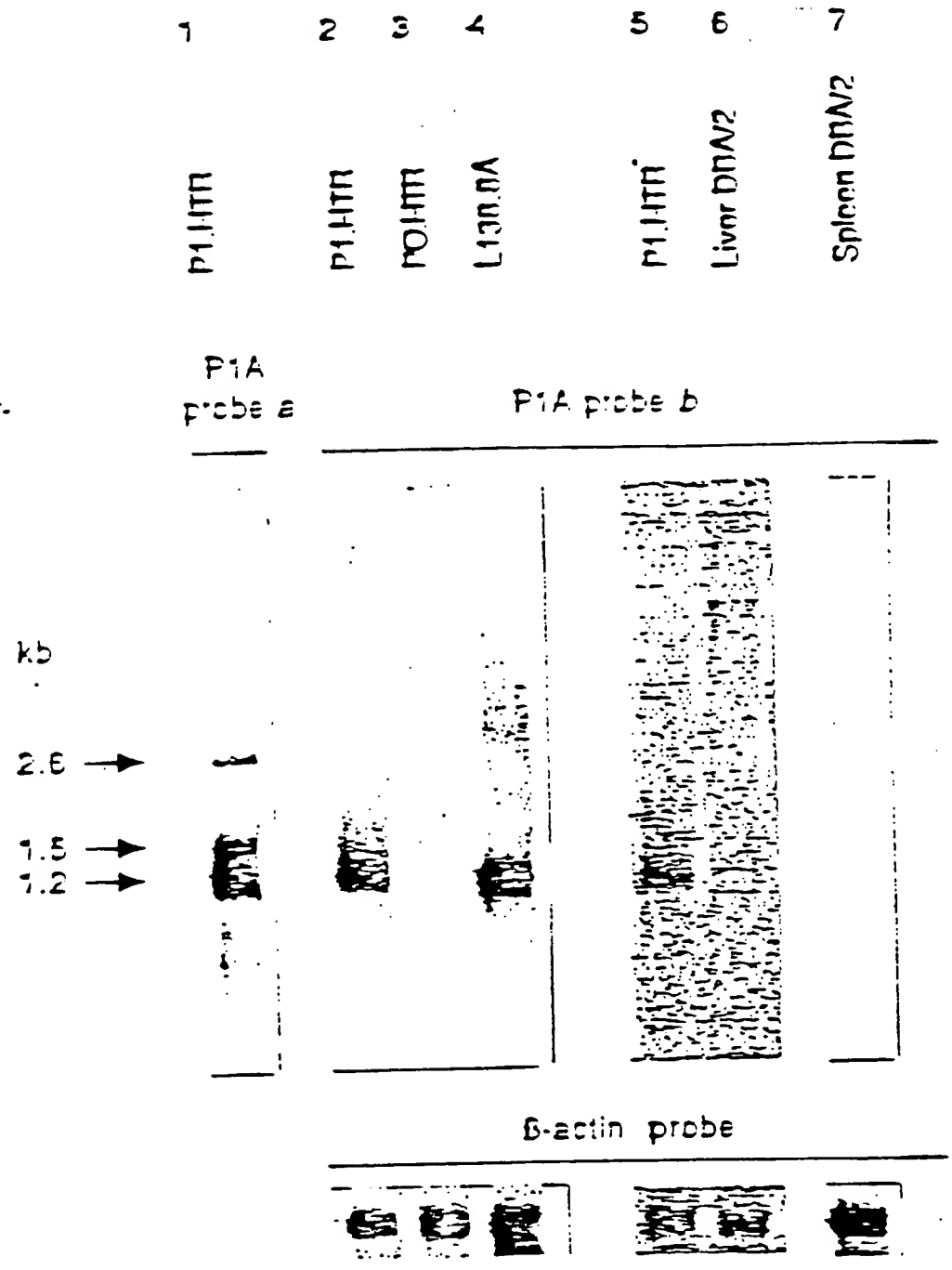

1
2
3
4
5
6
7
P1.HTR
P1.HTR
NO.HTR
L130.6A
P1.HTR
Liver DNA/2
Spleen DNA/2
P1A probe a
P1A probe b
kb
2.6
1.5
1.2
B-actin probe

Figure 4

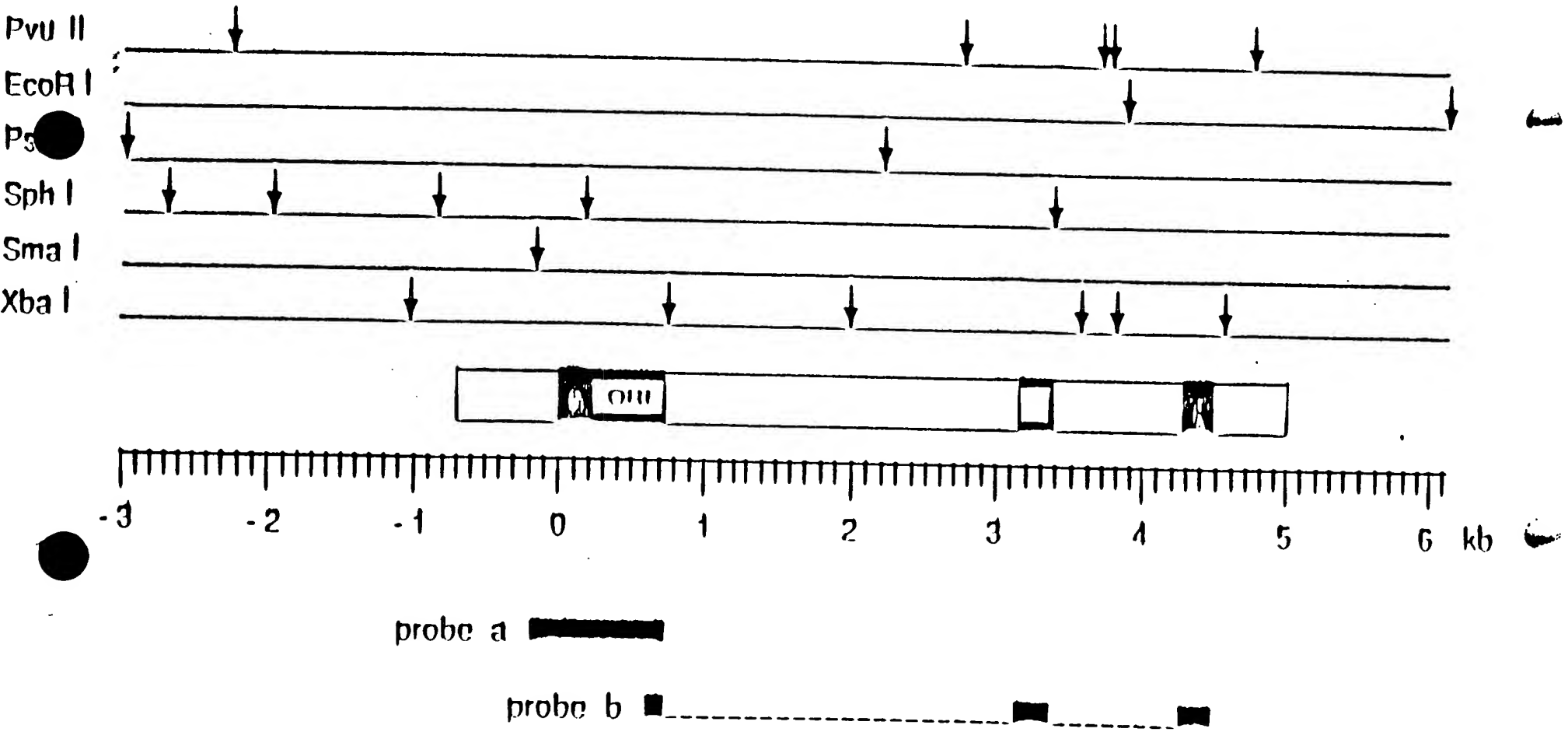

Pvu II
EcoR I
Ps
Sph I
Sma I
Xba I
OIII
-3
-2
-1
0
1
2
3
4
5
6 kb
probe a
probe b

Figure 5

```
ACCACAGGAG AATGAAAAGA ACCCGGGACT CCCAAAGACG CTAGATGTGT GAAGATCCTG ATCACTCATT    -120
GGGTGTCTGA GTTCTGCGAT ATTCATCCCT CAGCCAATGA GCTTACTGTT CTCGTGGGGG GTTTGTGAGC    -50
CTTGGGTAGG AAGTTTTGCA AGTTCCGCCT ACAGCTCTAG CTTGTGAATT TGTACCCTTT CACGTAAAAA     19
AGTAGTCCAG AGTTTACTAC ACCCTCCCTC CCCCCTCCCA CCTCGTGCTG TGCTGAGTTT AGAAGTCTTC     89
CTTATAGAAG TCTTCCGTAT AGAACTCTTC CGGAGGAAGG AGGGAGGACC CCCCCCCTTT GCTCTCCCAG    159
CATGCATTGT GTCAACGCCA TTGCACTGAG CTGGTCGAAG AAGTAAGCCG CTAGCTTGCG ACTCTACTCT    229
TATCTTAACT TAGCTCGGCT TCCTGCTGGT ACCCTTTGTG CC  271
```

FIGURE 6a

```
ATG TCT GAT AAC AAG AAA CCA GAC AAA GCC CAC AGT GGC TCA GGT GGT GAC GGT GAT GGG  59
Met Ser Asp Asn Lys Lys Pro Asp Lys Ala His Ser Gly Ser Gly Gly Asp Gly Asp Gly

AAT AGG TGC AAT TTA TTG CAC CGG TAC TCC CTG GAA GAA ATT CTG CCT TAT CTA GGG TGG  118
Asn Arg Cys Asn Leu Leu His Arg Tyr Ser Leu Glu Glu Ile Leu Pro Tyr Leu Gly Trp

CTG GTC TTC GCT GTT GTC ACA ACA AGT TTT CTG GCG CTC CAG ATG TTC ATA GAC GCC CTT  177
Leu Val Phe Ala Val Val Thr Thr Ser Phe Leu Ala Leu Gln Met Phe Ile Asp Ala Leu

TAT GAG GAG CAG TAT GAA AGG GAT GTG GCC TGG ATA GCC AGG CAA AGC AAG CGC ATG TCC  236
Tyr Glu Glu Gln Tyr Glu Arg Asp Val Ala Trp Ile Ala Arg Gln Ser Lys Arg Met Ser

TCT GTC GAT GAG GAT GAA GAC GAT GAG GAT GAT GAG GAT GAC TAC TAC GAC GAC GAG GAC  295
Ser Val Asp Glu Asp Glu Asp Asp Glu Asp Asp Glu Asp Asp Tyr Tyr Asp Asp Glu Asp

GAC GAC GAC GAT GCC TTC TAT GAT GAT GAG GAT GAT GAG GAA GAA GAA TTG GAG AAC CTG  354
Asp Asp Asp Asp Ala Phe Tyr Asp Asp Glu Asp Asp Glu Glu Glu Glu Leu Glu Asn Leu

ATG GAT GAT GAA TCA GAA GAT GAG GCC GAA GAA GAG ATG AGC GTG GAA ATG GGT GCC GGA  413
Met Asp Asp Glu Ser Glu Asp Glu Ala Glu Glu Glu Met Ser Val Glu Met Gly Ala Gly

GCT GAG GAA ATG GGT GCT GGC GCT AAC TGT GCC TGT GTT CCT GGC CAT CAT TTA AGG AAG  472
Ala Glu Glu Met Gly Ala Gly Ala Asn Cys Ala Cys Val Pro Gly His His Leu Arg Lys

AAT GAA GTG AAG TGT AGG ATG ATT TAT TTC TTC CAC GAC CCT AAT TTC CTG GTG TCT ATA  531
Asn Glu Val Lys Cys Arg Met Ile Tyr Phe Phe His Asp Pro Asn Phe Leu Val Ser Ile

CCA GTG AAC CCT AAG GAA CAA ATG GAG TGT AGG TGT GAA AAT GCT GAT GAA GAG GTT GCA  590
Pro Val Asn Pro Lys Glu Gln Met Glu Cys Arg Cys Glu Asn Ala Asp Glu Glu Val Ala

ATG GAA GAG GAA GAA GAA GAA GAG GAG GAG GAG GAG GAA GAG GAA ATG GGA AAC CCG GAT  649
Met Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Met Gly Asn Pro Asp

GGC TTC TCA CCT TAG

Gly Phe Ser Pro Amb
```

FIGURE 6b

GCATGCAGTT GCAAAGCCCA GAAGAAAGAA ATGGACAGCG GAAGAAGTGG TTGTTTTTTT 60

TTCCCCTTCA TTAATTTTCT AGTTTTTAGT AATCCAGAAA ATTTGATTTT GTTCTAAAGT 120

TCATTATGCA AAGATGTCAC CAACAGACTT CTGACTGCAT GGTGAACTTT CATATGATAC 180

ATAGGATTAC ACTTGTACCT GTTAAAAATA AAAGTTTGAC TTGCATAC 228

FIGURE 6c

cDNA Sequence of gene P1A
Content of ASCII file : cDNA (cf: Figure 6, parts a,b & c)

```
ACCACAGGAG AATGAAAAGA ACCCGGGACC CCCAAAGATG CTAGATGTCT
GAAGATCCTG ATCACTCATT GGGTGTCTCA GTTTTCGGAT ATTCATCCCC
CAGCCAATGA GCTTACTGTT CTCCTGGGGG GTTTGTGAGA CTTGGGTAGG
AAGTTTTGCA AGTTCCGCCT ACAGCTCTAG CTTCTGAATT TGTACCCTTT
CACCTAAAAA AGTAGTCCAG AGTTCACTAC ACCCTCCCTC CCCCATCCCA
CCTCGTGCTG TGCCGAGTTT AGAAGTCTTC CTTATGAAAG TCTTCCGTAT
ACAACCCTTC CGGAGGAAGG AGGGAGGAGC CCCCCCCTCT GCTCTTCCAG
CATGCATTGT GTCAACCCCA TTGCACTGAG CTCCTGAAAG AAGTAAGCCG
CTACCTTGCG ACTCTACTCT TATCTTAACT TAGCTCGGCT TCCTGCTTGT
ACCCTTTGTG CC
ATG TCT GAT AAC AAG AAA CCA GAC AAA GCC CAC AGT GGC TCA
GGT GGT GAC GGT GAT GGG AAT AGG TGC AAT TCA TTC CAC CGG
TAC TCC CTG CAA GAA ATT CTG CCT TAT CTA GGG TGG CTG GTC
TTC GCT GTT GTC ACA ACA ATT TTC CTG GCG CTC CAC ATG TTC
ATA GAC GGC CTT TAT GAG GAG CAG TAT GAA AGC GAT GTG GCC
TGG ATA GCC AGG CAA AGC AAG CGC ATG TCC TCT GTC GAT CAG
GAT GAA GAC GAT GAC GAT GAT GAG GAT GAC TAC TAC GAC GAC
GAG GAC GAC GAC GAC GAT GCC TTC TAT GAT GAT GAG GAT GAT
GAC GAA GAA GAA TTG GAG AAC CTG ATG GAT GAT GAA TCA GAA
GAT GAG GCC GAA GAA GAG ATG AGC GTG GAA ATG GCT CCC GGA
GCT GAC GAA ATG GCT GCT GGC CCT AAC TGT GCC TGT GTT CCT
GGC CAT CAT TCA AGG AAG AAT GAA GCC AAG TGT AGC ATG AGT
TAT TTC TTC CAC GAC CCT AAT TCC CTG GTG TCT ATA CCA GTG
AAC CCT AAG GAA CAA ATG GAG TGT AGG TCT GAA AAT GCT GAT
GAA GAG GTT GCA ATG GAA GAC GAA GAA GAA GAG GAG GAG
GAC GAC GAA GAG GAA ATG GGA AAC CCG GAT GGC TTC TCA CCT
TAG
GCATCCAGCT GCAAAGCCCA GAAGAAAGAA ATGGACAGCG GAAGAAGTGG
TTGTTCCCCT TTCCCATTTCA TCAATTCCCT AGTTTTTAGT AATCCAGAAA
ATTTGATCCT GTCCTAAAGT TCATTATGCA AAGATGTCAC CAACAGACTT
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CTCAAAAATA AAAGTTTGAC TTGCATAC
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Figure 6d

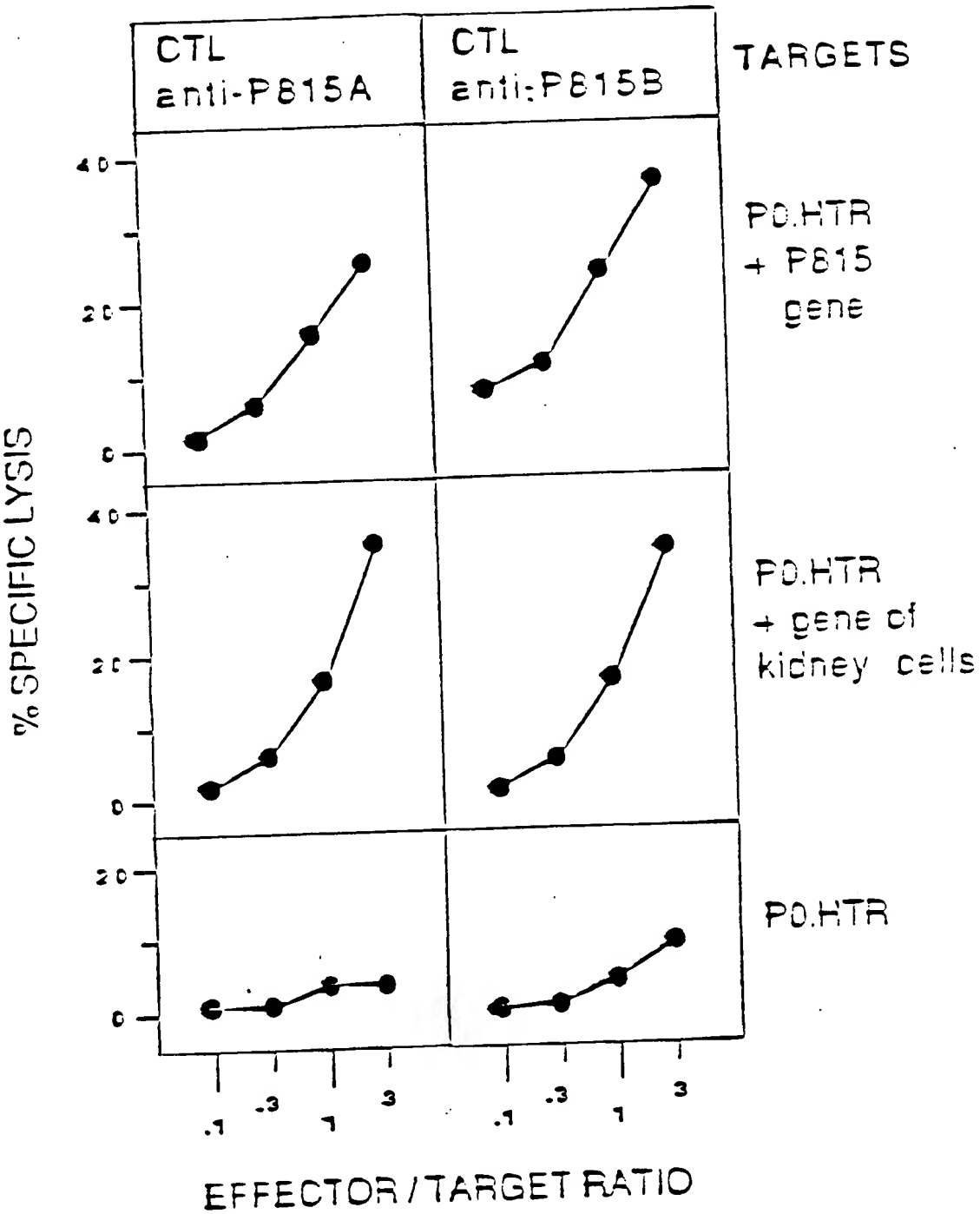
CTL
anti-P815A
CTL
anti-P815B
TARGETS
P0.HTR
+ P815
gene
P0.HTR
+ gene of
kidney cells
P0.HTR
% SPECIFIC LYSIS
40
20
0
40
20
0
20
0
.1
.3
1
3
.1
.3
1
3
EFFECTOR / TARGET RATIO

Figure 7

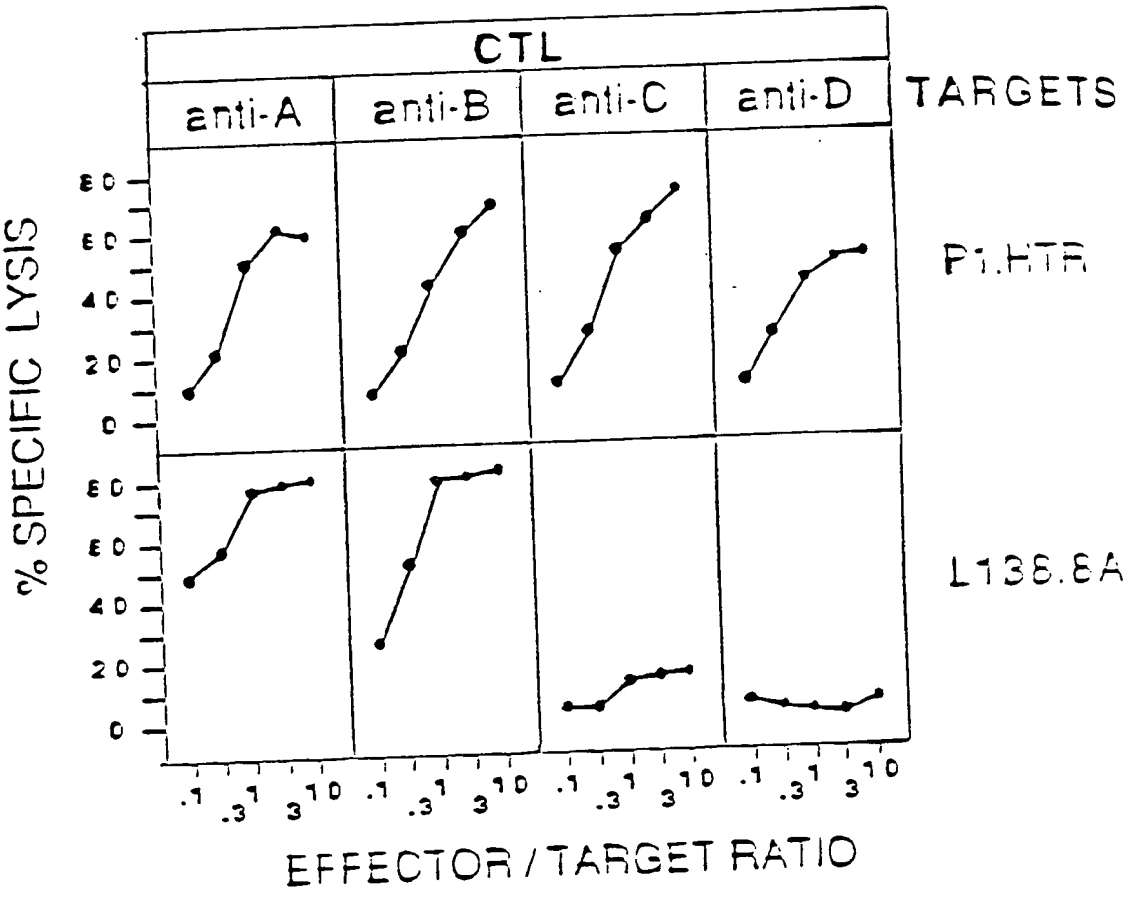
CTL
anti-A
anti-B
anti-C
anti-D
TARGETS
P1.HTR
L138.8A
% SPECIFIC LYSIS
0
20
40
60
80
.1
.3
1
3
10
EFFECTOR / TARGET RATIO

Figure 8

Genomic Sequence of gene PIA
Content of ASCII file : GENOMIC

```
ATCACAGGAG AATGTAAAGA ACCCGGGACT CCCAAAGACG CTAGATCTGT
GAAGATCCTG ATCACTCATT GGGTGTTTGA GTCCTGCCAT ATTCATCCCT
CATGCCAATG GCCTACTCCT CTCGTGGGGG GTTTTGTGAGC CCTGGGTAGG
AAGTTTTGCA AGTTCCGGCC ACAGCCTCAG CTTGTGAATC TGTACCCCCT
CACTGTAAAA AGCAGTCCAG AGCTTACTAC ACCCTCCCTC CCCCCTCCCA
CCTCGTGCTG TGCTGAGTCT AGAAGTCTTC CTCATAGGAC TCTTCCGTAT
ATAACTCCTC CCGAGGAAGC AGGGAGGACC CCCCCCCTTT GCTCTCCCAG
CATGCATTGT GTCAACGCCA TTGCACTGAG CTGCTCCAAC AAGTAAGCCG
CTAGCTTGCC AGTCTACTCT TATCTTAACT TAGCTCGGCT TCCTGCTGAT
ACCCCTTGTG CC
ATG TCT GAT AAC AAG AAA CCA GAC AAA GCC CAC AGT GGC TCA
CGC GGT GAC GGT GAC GGG AAT AGG TGC AAT CCA TTC CAC CGG
TAC TCC CTG GAA GAA ATT CCG CCT TAC CTA GGG TGG CTG GTC
TTC GCT GTC GTC ACA ACA AGT TCT CTG GCG CTC CAG ATG TTC
ATA GAC GCC CTT TAT GAG GAG CAG TAT GAA AGG GAT GTG GCC
TGG ATA GCC AGG CAA AGC AAG CGC ATG TCC TCT GTC GAT GAC
GAT GAA GAC GAT GAG GAT GAT GAC GAT GAC TAC TAC GAC GAC
GAC CAC GAC GAC GAC GAT GCC TTC GAT GAT GAT GAG GAC GAT
GAG GAA GAA GAA TTC GAG AAC CTG ATG GAT GAT GAA TCA GAA
GAT GAG GCC GAA GAA GAG ATG AGC GTG GAA ATG GCT GCC CCA
GCT GAG GAA ATG GGT GCC GGC GGT AAC TGT GCC T
GTGAGTAACC CCTGGTCTTT ACTCTAGATT CAGGTGGGGT GCATTCTTTA
CTCTTGCCCA CATCTGTAGT AAATCTACCA TTTTGGTTGG GGGTCATTGC
TGGAGCCATT CCTGGCTCTC CTGTCCACGC CTATCCCCCC TCCTCCCATC
CCCCACTTCT TGCTCCGCTA TCTTTCCTTT TCCCACCTTG CCTCTGGAGC
TTCAGTCCAT CCTGCTCTGC TCCCTTCCCC CTTTGCTCTC CTTACTCCCC
TCCCCCTCGG CTCAACTTCT CATACCTTCT GCTCTCTGAT CCCCACCCTC
TTCAGCCTTC CCCATTTGCT CCTCTCCCGA AACCCTCCCC TTCCTGTTCC
CCTTTTCGCG CCTTTTCTTT CCTACTCCCC TCCCCCTCCC TATTTACCTT
TCACCAGCTT TGCTCTCCCT GCTCCCCTCC CCCTTTTGCA CCTTTTCTTT
TCCTGCTCCC CTCCCCCTCC CCTCCCTGTT TACCCTTCAC CGCTTTTCCT
CTACCTGCTT CCCTCCCCCT TGCTGCTCCC TCCCTACTTG CATTTCCCCG
TGCTCCTCCC TCCCCCTCCC CCTCCCTCCC TATTTGCACC TTCGGCTGCT
CCTCCCTCCC CCTCCCCCAG CCTTTTTTTT TTTTTTTTTT TTTTTTTTTT
TTGGTTTTTC GAGACAGGGT CTCTCTTTGT ATCCCTGGCT GTCCTGGCAC
TCACTCTGTA GACCAGGCTG GCCTCAAACT CAGAAATCTG CCTGCCTCTG
CCTCCCAAAT GCTGGGATTA AAGGCTTGCA CCACCACCCC CCCACTGCAG
GCCTTTCTTT CTTCTCCTCT CTGCTTCTCC CAATCCCTTT TCTGCATGCT
AACTCCCCCT TTGGCACCTT TCCTTTACAC GATCCCCTCC CCCTCCCCTC
TTCCCTTCCG GCACCCTTCC TACCCCTGCT CTGTTCCCTC TCCCTGCTCC
CCTCCCCCTC TTTGCTCGAC TTTTAGCAGC CTTACCTCTC CCTCCTTTCT
GCCCCGTTCC CCTTTTTTGT GCCTTTCCTC CTGGCTCCCC TCCACCTTCC
ACCTCACCTT TTTGTTTGTT TGCTTGTTTG GTTGTTTGCT TTGCTTTTTT
TTTTTTTTTT GCACCTTGTT TTCCAAGATC CCCCTCCCCC TCCGGCTTCC
CCTCTGTGTG CCTTTCCTGT TCCCTCCCCC TCCTTGGCTC CCCCTCCCTT
TCTGCCTTTC CTGTCCCTGC TCCCTTCTCT GCTAACCTTC TAATGCCTTT
CTTTTCTAGA CTCCCCCCTC CAGACCTGCT GTTTGCTTCT GTCCACCTTT
CCTGACCCTG CTCCCCTTCC CCTTCCAGCT CCCCCCTCTT TTCCCACCTC
CCTTTCTCCA GCCTGTCACC CCTCCTTCTC TCCTCTCTGC TTCTCCCACT
TCCTGCTTCC TTTACCCCTT CCCTCTCCCT ACTCTCCCTC CTGCCTGCTG
GACCTCCTCT CCAGCCGCCC AGTTCCCTGC AGTCCCTGGA GTCTTTCCTC
CTCTCTGTCC ATCACTTCCC CCTAGTTTCA CTTCCCTTTC ACTCTCCCCT
ATGTCTCTCT CTTCCTATCT ATCCCTTCCT TTCTGTCCCC TCTCCCTCTC
CCATCACCTC TCTCCTCCCT TCCCTTTCCT CTCTCTTCCA TTTTCTTCCA
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TCCATGTCCC CTCTCAATTC CCTGTCCCAC TCTGCTCCCT CACATCCTCC
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Figure 9

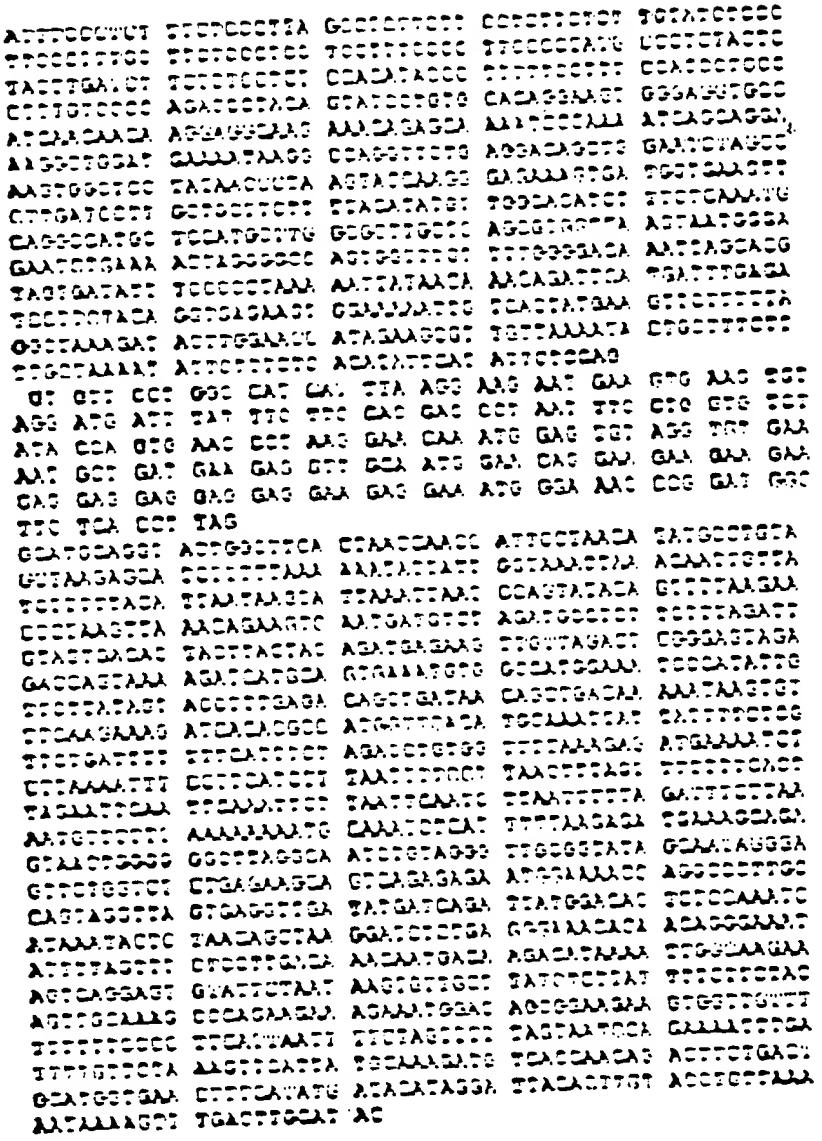


Figure 9 (ctd)

Leu-Pro-Tyr-Leu-Gly-Trp-Leu

Figure 10

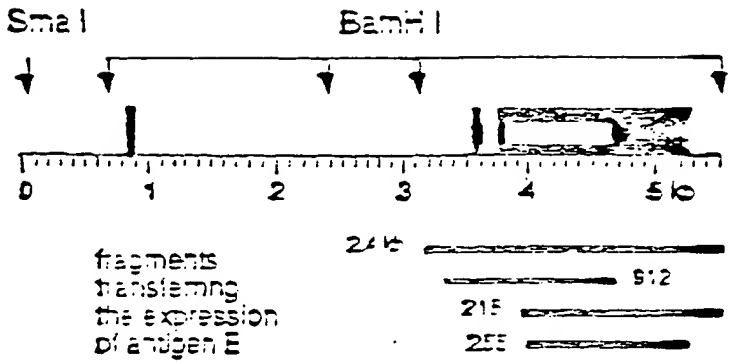

Sma I
BamH I
0
1
2
3
4
5 kb
fragments
transleming
the expression
of antigen E
912
215
255

Figure 11

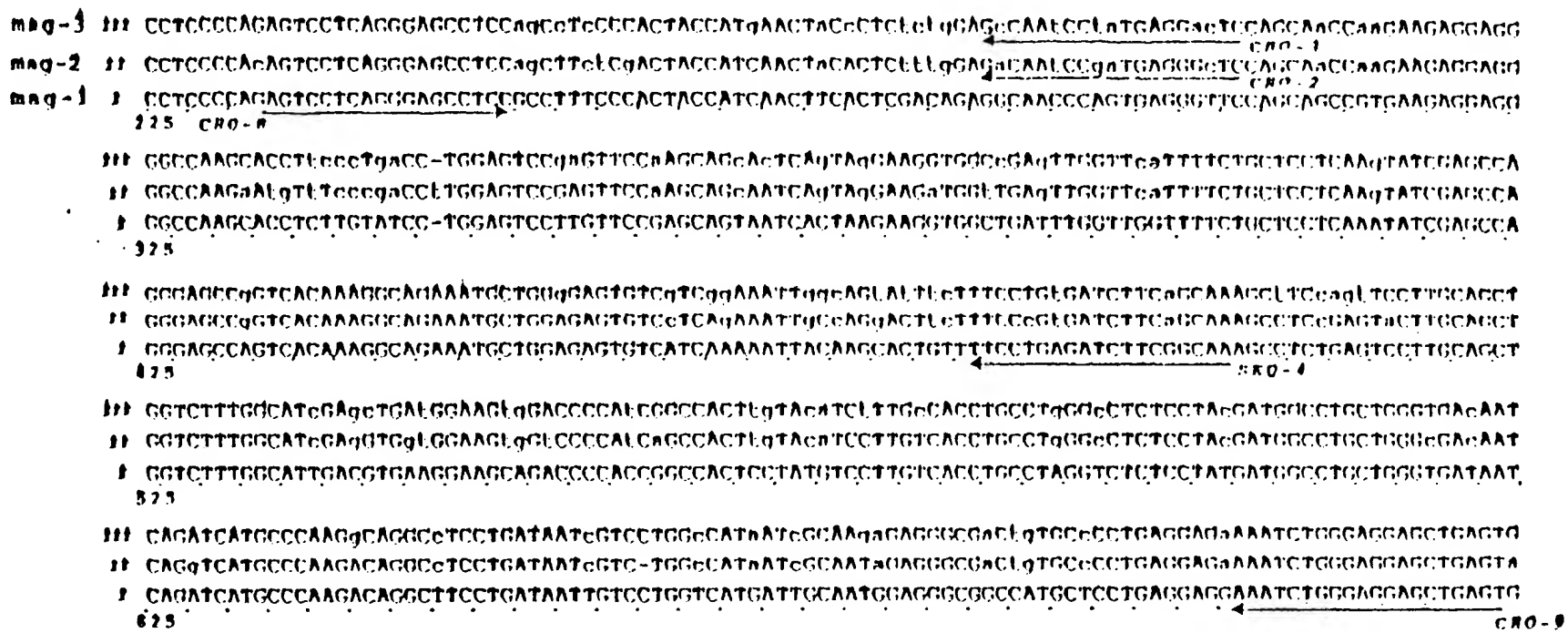


Figure 12

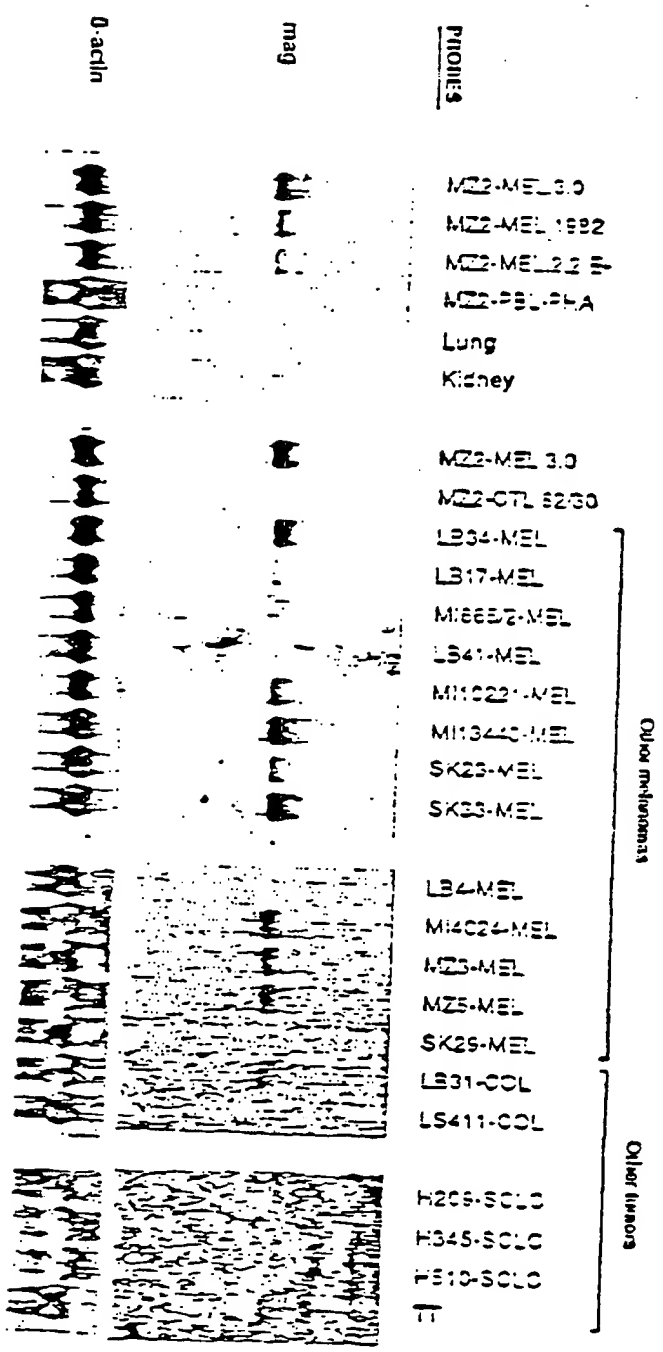

β-actin
mag
PRIMERS
MZ2-MEL 3.0
MZ2-MEL 1992
MZ2-MEL 2.2
MZ2-PBL-PHA
Lung
Kidney
MZ2-MEL 3.0
MZ2-CTL 8230
LB34-MEL
LB17-MEL
MI6652-MEL
LB41-MEL
MI1022-MEL
MI1344-MEL
SK23-MEL
SK33-MEL
LB4-MEL
MI4024-MEL
MZ3-MEL
MZ5-MEL
SK29-MEL
LB31-COL
LS411-COL
H209-SCLC
H345-SCLC
H510-SCLC
Other melanomas
Other tumors

Figure 13

		EXPRESSION OF mag GENE FAMILY				RECOGNITION BY ANTI-E CTL		Expression of antigen MZ2-E after transfection ‖
		Northern blot probed with cross-reactive mag-1 probe *	cDNA-PCR product probed with oligonucleotide specific for: mag-1	mag-2	mag-3 †	tested by: TNF release ‡	Lysis §	
Cells of patient MZ2	melanoma cell line MZ2-MEL 3.0	+	++++	+++	++++	+	+	
	tumor sample MZ2 (1987)	+	+++	+++	+++			
	antigen loss variant MZ2-MEL 2.2	+	-	+++	+++	-	-	
	CTL clone MZ2-CTL.82/30	-	-	-	-			
	PHA-activated blood lymphocytes	-	-	-	-			
Normal tissues	Liver	-	-	-	-			
	Muscle	-	-	-	-			
	Skin	-	-	-	-			
	Lung	-	-	-	-			
	Brain	-	-	-	-			
	Kidney	-	-	-	-			
Melanoma cell lines of HLA-A1 patients	LB24-MEL	+	++	++++	++++	+	+	
	MI0572-MEL	-	-	-	-	-	-	+
	MI0221-MEL	+	-	++	+++	-	-	+
	MI3643-MEL	+	+++	++++	++++	+	+	
	SK30-MEL	+	-	++++	++++	-	-	-
	SK23-MEL	+	-	++++	++++	-	-	+
Melanoma cell lines of other patients	LB17-MEL	+	+	++++	+++	-	-	-
	LB33-MEL	+	-	+++	+++	-	-	-
	LB4-MEL	-	-	-	-	-	-	
	LB61-MEL	-	-	-	-	-	-	
	MI4024-MEL	+	+++	++++	++++	-	-	
	SK29-MEL	-	-	-	-	-	-	
	MZ3-MEL	+	+	++++	++++	-	-	
	MZ5-MEL	+	-	++++	++++	-	-	
Melanoma tumor sample	BRS-MEL	+	+++	++	+++			
Other tumor cell lines	small cell lung cancer LB29	+	-	++++	++++			
	small cell lung cancer LB49	+	-	++++	++++			
	small cell lung cancer LB50	+	-	++++	++++			
	small cell lung cancer LB11	+	+	++++	++++			
	bronchial squamous cell carcinoma LB37	+	-	-	+++			
	thyroid medullary carcinoma FT	+	++++	+++	++++			
	colon carcinoma LB31	+	-	+++	++++	-		
	colon carcinoma LB411	-	-	-	-			
Other tumor samples	chronic myeloid leukemia LLC8	-	-	-	-			
	acute myeloid leukemia TA	-	-	-	-			

* Data obtained in the conditions of figure 6.
† Data obtained as described in figure 6.
‡ TNF release by CTL 82/30 after stimulation with the tumor cells as described in (28).
§ Lysis of ^{51}Cr labelled target by CTL 82/30 in the conditions of figure 1.
‖ population of cells transfected with the 2.4 kb fragment of gene mag-1 were tested for their ability to stimulate TNF release by CTL

Figure 14

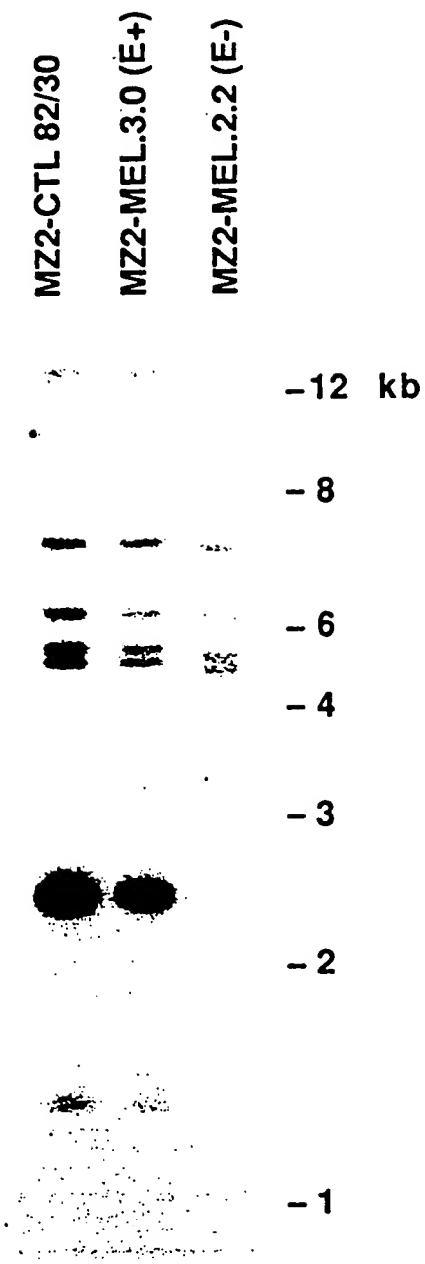


Figure 15

FAMILLE MAGE : SCHEMA GENERAL 3091

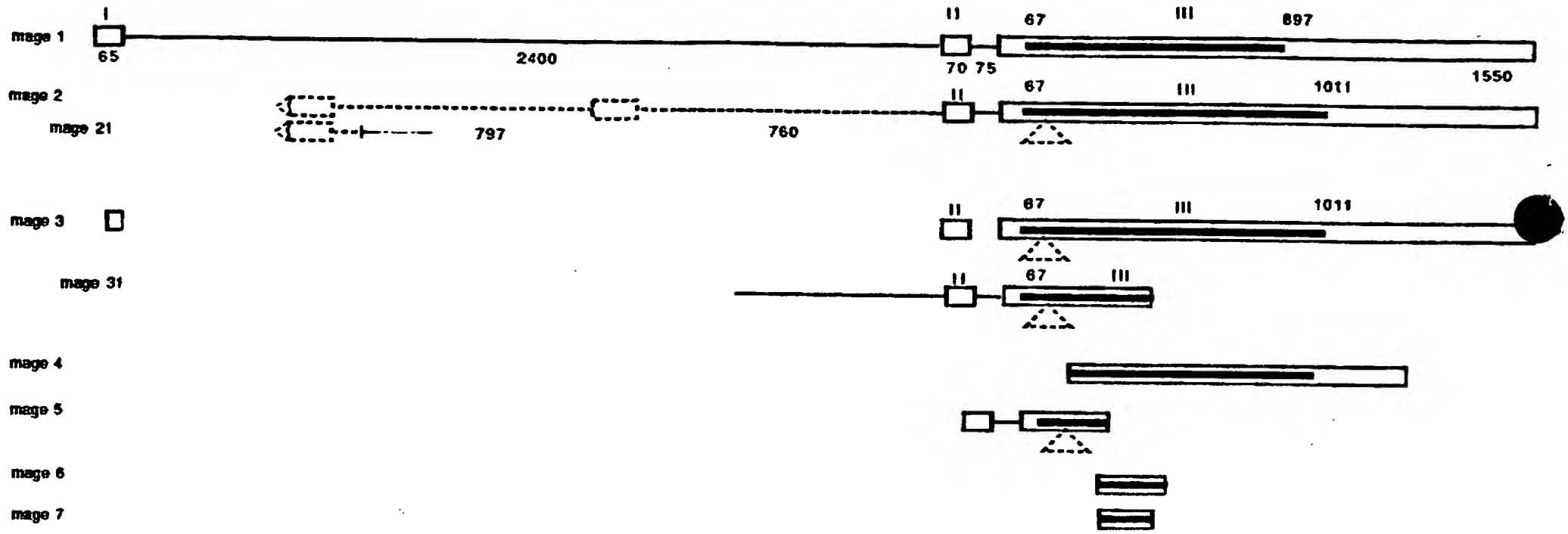
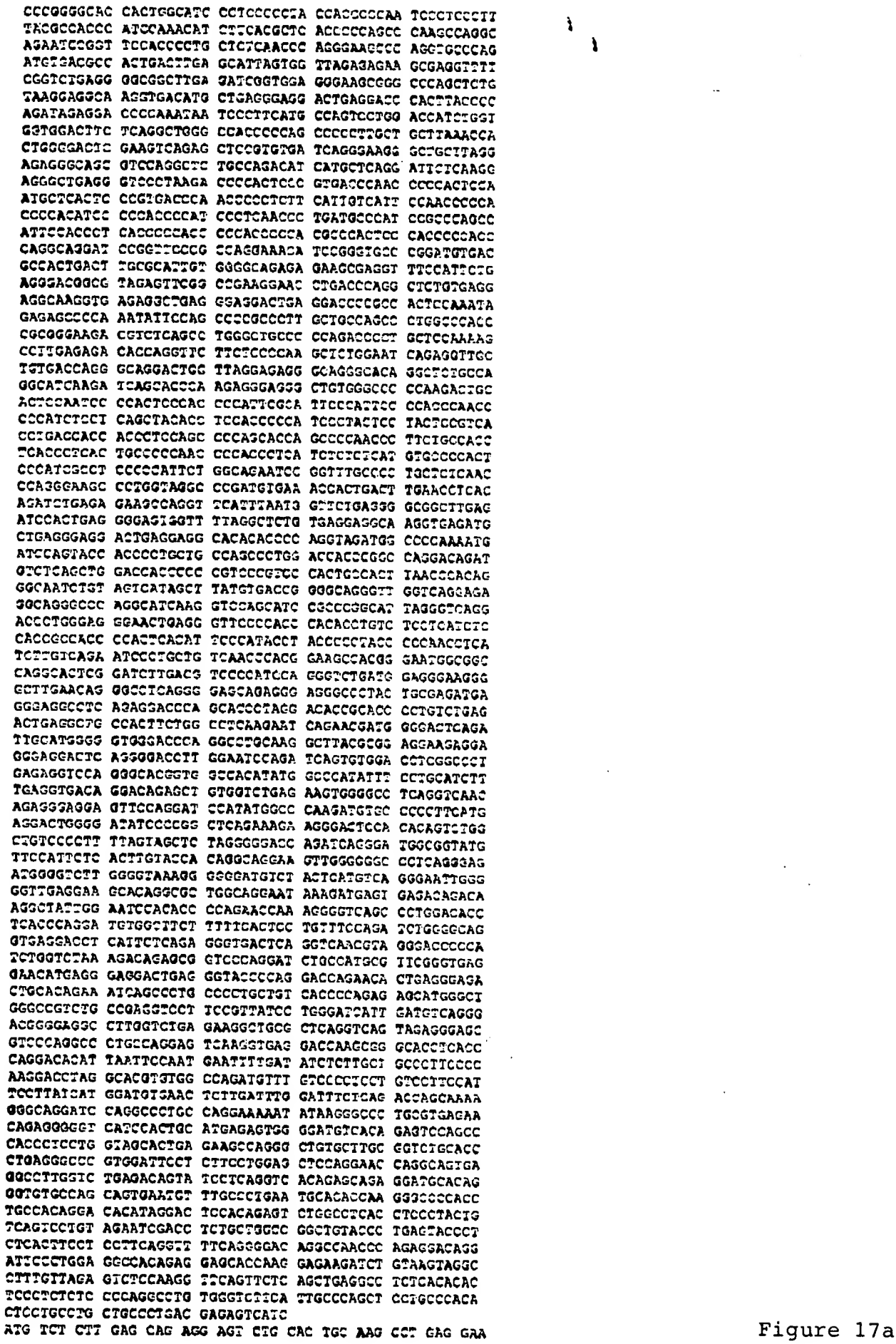


Figure 16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ATGTGACGCC ACTGACTTGA GCATTAGTGG TTAGAGAGAA GCGAGGTTTT
CGGTCTGAGG GGCGGCTTGA GATCGGTGGA GGGAAGCGGG CCCAGCTCTG
TAAGGAGGCA AGGTGACATG CTGAGGGAGG ACTGAGGACC CACTTACCCC
AGATAGAGGA CCCCAAATAA TCCCTTCATG CCAGTCCTGG ACCATCTGGT
GGTGGACTTC TCAGGCTGGG CCACCCCCAG CCCCCTTGCT GCTTAAACCA
CTGGGGACTC GAAGTCAGAG CTCCGTGTGA TCAGGGAAGG GCTGCTTAGG
AGAGGGCAGC GTCCAGGCTC TGCCAGACAT CATGCTCAGG ATTCTCAAGG
AGGGCTGAGG GTCCCTAAGA CCCCACTCCC GTGACCCAAC CCCCACTCCA
ATGCTCACTC CCGTGACCCA ACCCCCTCTT CATTGTCATT CCAACCCCCA
CCCCCACATCC CCCACCCCAT CCCTCAACCC TGATGCCCAT CCGCCCAGCC
ATTCCACCCT CACCCCCACC CCCACCCCCA CGCCCACTCC CACCCCCACC
CAGGCAGGAT CCGGCTCCCG CCAGGAAACA TCCGGGTGCC CGGATGTGAC
GCCACTGACT TGCGCATTGT GGGGCAGAGA GAAGCGAGGT TTCCATTCTG
AGGGACGGCG TAGAGTTCGG CCGAAGGAAC CTGACCCAGG CTCTGTGAGG
AGGCAAGGTG AGAGGCTGAG GGAGGACTGA GGACCCCGCC ACTCCAAATA
GAGAGCCCCA AATATTCCAG CCCCGCCCTT GCTGCCAGCC CTGGCCCACC
CGCGGGAAGA CGTCTCAGCC TGGGCTGCCC CCAGACCCCT GCTCCAAAAG
CCTTGAGAGA CACCAGGTTC TTCTCCCCAA GCTCTGGAAT CAGAGGTTGC
TGTGACCAGG GCAGGACTGC TTAGGAGAGG GCAGGGCACA GGCTCTGCCA
GGCATCAAGA TCAGCACCCA AGAGGGAGGG CTGTGGGCCC CCAAGACTGC
ACTCCAATCC CCACTCCCAC CCCATTCGCA TTCCCATTCC CCACCCAACC
CCCATCTCCT CAGCTACACC TCCACCCCCA TCCCTACTCC TACTCCGTCA
CCTGACCACC ACCCTCCAGC CCCAGCACCA GCCCCAACCC TTCTGCCACC
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CCCATCGCCT CCCCCATTCT GGCAGAATCC GGTTTGCCCC TGCTCTCAAC
CCAGGGAAGC CCTGGTAGGC CCGATGTGAA ACCACTGACT TGAACCTCAC
AGATCTGAGA GAAGCCAGGT TCATTTAATG GTTCTGAGGG GCGGCTTGAG
ATCCACTGAG GGGAGTGGTT TTAGGCTCTG TGAGGAGGCA AGGTGAGATG
CTGAGGGAGG ACTGAGGAGG CACACACCCC AGGTAGATGG CCCCAAAATG
ATCCAGTACC ACCCCTGCTG CCAGCCCTGG ACCACCCGGC CAGGACAGAT
GTCTCAGCTG GACCACCCCC CGTCCCGTCC CACTGCCACT TAACCCACAG
GGCAATCTGT AGTCATAGCT TATGTGACCG GGGCAGGGTT GGTCAGGAGA
GGCAGGGCCC AGGCATCAAG GTCCAGCATC CGCCCGGCAT TAGGGTCAGG
ACCCTGGGAG GGAACTGAGG GTTCCCCACC CACACCTGTC TCCTCATCTC
CACCGCCACC CCACTCACAT TCCCATACCT ACCCCCTACC CCCAACCTCA
TCTTGTCAGA ATCCCTGCTG TCAACCCACG GAAGCCACGG GAATGGCGGC
CAGGCACTCG GATCTTGACG TCCCCATCCA GGGTCTGATG GAGGGAAGGG
GCTTGAACAG GGCCTCAGGG GAGCAGAGGG AGGGCCCTAC TGCGAGATGA
GGGAGGCCTC AGAGGACCCA GCACCCTAGG ACACCGCACC CCTGTCTGAG
ACTGAGGCTG CCACTTCTGG CCTCAAGAAT CAGAACGATG GGGACTCAGA
TTGCATGGGG GTGGGACCCA GGCCTGCAAG GCTTACGCGG AGGAAGAGGA
GGGAGGACTC AGGGGACCTT GGAATCCAGA TCAGTGTGGA CCTCGGCCCT
GAGAGGTCCA GGGCACGGTG GCCACATATG GCCCATATTT CCTGCATCTT
TGAGGTGACA GGACAGAGCT GTGGTCTGAG AAGTGGGGCC TCAGGTCAAC
AGAGGGAGGA GTTCCAGGAT CCATATGGCC CAAGATGTGC CCCCTTCATG
AGGACTGGGG ATATCCCCGG CTCAGAAAGA AGGGACTCCA CACAGTCTGG
CTGTCCCCTT TTAGTAGCTC TAGGGGGACC AGATCAGGGA TGGCGGTATG
TTCCATTCTC ACTTGTACCA CAGGCAGGAA GTTGGGGGGC CCTCAGGGAG
ATGGGGTCTT GGGGTAAAGG GGGGATGTCT ACTCATGTCA GGGAATTGGG
GGTTGAGGAA GCACAGGCGC TGGCAGGAAT AAAGATGAGT GAGACAGACA
AGGCTATTGG AATCCACACC CCAGAACCAA AGGGGTCAGC CCTGGACACC
TCACCCAGGA TGTGGCTTCT TTTTCACTCC TGTTTCCAGA TCTGGGGCAG
GTGAGGACCT CATTCTCAGA GGGTGACTCA GGTCAACGTA GGGACCCCCA
TCTGGTCTAA AGACAGAGCG GTCCCAGGAT CTGCCATGCG TTCGGGTGAG
GAACATGAGG GAGGACTGAG GGTACCCCAG GACCAGAACA CTGAGGGAGA
CTGCACAGAA ATCAGCCCTG CCCCTGCTGT CACCCCAGAG AGCATGGGCT
GGGCCGTCTG CCGAGGTCCT TCCGTTATCC TGGGATCATT GATGTCAGGG
ACGGGGAGGC CTTGGTCTGA GAAGGCTGCG CTCAGGTCAG TAGAGGGAGC
GTCCCAGGCC CTGCCAGGAG TCAAGGTGAG GACCAACCGG GCACCTCACC
CAGGACACAT TAATTCCAAT GAATTTTGAT ATCTCTTGCT GCCCTTCCCC
AAGGACCTAG GCACGTGTGG CCAGATGTTT GTCCCCTCCT GTCCTTCCAT
TCCTTATCAT GGATGTGAAC TCTTGATTTG GATTTCTCAG ACCAGCAAAA
GGGCAGGATC CAGGCCCTGC CAGGAAAAAT ATAAGGGCCC TGCGTGAGAA
CAGAGGGGGT CATCCACTGC ATGAGAGTGG GGATGTCACA GAGTCCAGCC
CACCCTCCTG GTAGCACTGA GAAGCCAGGG CTGTGCTTGC GGTCTGCACC
CTGAGGGCCC GTGGATTCCT CTTCCTGGAG CTCCAGGAAC CAGGCAGTGA
GGCCTTGGTC TGAGACAGTA TCCTCAGGTC ACAGAGCAGA GGATGCACAG
GGTGTGCCAG CAGTGAATGT TTGCCCTGAA TGCACACCAA GGGCCCCACC
TGCCACAGGA CACATAGGAC TCCACAGAGT CTGGCCTCAC CTCCCTACTG
TCAGTCCTGT AGAATCGACC TCTGCTGGCC GGCTGTACCC TGAGTACCCT
CTCACTTCCT CCTTCAGGTT TTCAGGGGAC AGGCCAACCC AGAGGACAGG
ATTCCCTGGA GGCCACAGAG GAGCACCAAG GAGAAGATCT GTAAGTAGGC
CTTTGTTAGA GTCTCCAAGG TTCAGTTCTC AGCTGAGGCC TCTCACACAC
TCCCTCTCTC CCCAGGCCTG TGGGTCTTCA TTGCCCAGCT CCTGCCCACA
CTCCTGCCTG CTGCCCTGAC GAGAGTCATC
ATG TCT CTT GAG CAG AGG AGT CTG CAC TGC AAG CCT GAG GAA

Figure 17a

GCC CTT GAG GCC CAA CAA GAG GCC CTG GGC CTG GTG TGT GTG
CAG GCT GCC ACC TCC TCC TCC TCT CCT CTG GTC CTG GGC ACC
CTG GAG GAC GTG CCC ACT GCT GGG TCA ACA GAT CCT CCC CAG
AGT CCT CAG GGA GCC TCC GCC TTT CCC ACT ACC ATC AAC TTC
ACT CGA CAG AGG CAA CCC AGT GAC GGT TCC AGC AGC CGT GAA
GAG GAG GGG CCA AGC ACC TCT TGT ATC CTG GAG TCC TTG TTC
CGA GCA GTA ATC ACT AAG AAG GTG GCT GAT TTG GTT GGT TCT
CTG CTC CTC AAA TAT CGA GCC AGG GAG CCA GTC ACA AAG GCA
GAA ATG CTG GAG AGT GTC ATC AAA AAT TAC AAG CAC TGT TTT
CCT GAG ATC TTC GGC AAA GCC TCT GAG TCC TTG CAG CTG GTC
TTT GGC ATT GAC GTG AAG GAA GCA GAC CCC ACC GGC CAC TCC
TAT GTC CTT GTC ACC TGC CTA GGT CTC TCC TAT GAT GGC CTG
CTG GGT GAT AAT CAG ATC ATG CCC AAG ACA GGC TTC CTG ATA
ATT GTC CTG GTC ATG ATT GCA ATG GAG GGC GGC CAT GCT CCT
GAG GAG GAA ATC TGG GAG GAG CTG AGT GTG ATG GAG GTG TAT
GAT GGG AGG GAG CAC AGT GCC TAT GGG GAG CCC AGG AAG CTG
CTC ACC CAA GAT TTG GTG CAG GAA AAG TAC CTG GAG TAC CGC
AGG TGC CGG ACA GTG ATC CCG CAC GCT ATG AGT TCC TGT GGG
GTC CAA GGG CCC TCG CTG AAA CCA GCT ATG TGA
AAGTCCTTG AGTATGTGAT CAAGGTCAGT GCAAGAGTTC
GCTTTTTCTT CCCATCCCTG CGTGAAGCAG CTTTGAGAGA GGAGGAAGAG
GGAGTCTGAG CATGAGTTGC AGCCAAGGCC AGTGGGAGGG GGACTGGGCC
AGTGCACCTT CCAGGGCCGC GTCCAGCAGC TTCCCCTGCC TCGTGTGACA
TGAGGCCCAT TCTTCACTCT GAAGAGAGCG GTCAGTGTTC TCAGTAGTAG
GTTTCTGTTC TATTGGGTGA CTTGGAGATT TATCTTTGTT CTCTTTTGGA
ATTGTTCAAA TGTTTTTTTT TAAGGGATGG TTGAATGAAC TTCAGCATCC
AAGTTTATGA ATGACAGCAG TCACACAGTT CTGTGTATAT AGTTTAAGGG
TAAGAGTCTT GTGTTTTATT CAGATTGGGA AATCCATTCT ATTTTGTGAA
TTGGGATAAT AACAGCAGTG GAATAAGTAC TTAGAAATGT GAAAAATGAG
CAGTAAAATA GATGAGATAA AGAACTAAAG AAATTAAGAG ATAGTCAATT
CTTGCCTTAT ACCTCAGTGT ATTCTGTAAA ATTTTTAAAG ATATATGCAT
ACCTGGATTT CCTTGGCTTC TTTGAGAATG TAAGAGAAAT TAAATCTGAA
TAAAGAATTC TTCCTGTTCA CTGGCTCTTT TCTTCTCCAT GCACTGAGCA
TCTGCTTTTT GGAAGGCCCT GGGTTAGTAG TGGAGATGCT AAGGTAAGCC
AGACTCATAC CCACCCATAG GGTCGTAGAG TCTAGGAGCT GCAGTCACGT
AATCGAGGTG GCAAGATGTC CTCTAAAGAT GTAGGGAAAA GTGAGAGAGG
GGTGAGGGTG TGGGGCTCCG GGTGAGAGTG GTGGAGTGTC AATGCCCTGA
GCTGGGCCAT TTTGGGCTTT GGGAAACTGC AGTTCCTTCT GGGGGAGCTG
ATTGTAATGA TCTTGGGTGGATCC

Figure 17b

CTCATCCAGA TCCCCATCCG GGCAGAATCC GGTTCCACCC TTGCCGTGAA
CCCAGGGAAG TCACGGGCCC GGATGTGACG CCACTGACTT GCACATTGGA
GGTCAGAGGA CAGCGAGATT CTCGCCCTGA GCAACGGCCT GACGTCGGCG
GAGGGAAGCA GGCGCAGGCT CCGTGAGGAG GCAAGGTAAG ACGCCGAGGG
AGGACTGAGG CGGGCCTCAC CCCAGACAGA GGGCCCCCAA TTAATCCAGC
GCTGCCTCTG CTGCCGGGCC TGGACCACCC TGCAGGGGAA GACTTCTCAG
GGTCAGTCGC CACCACCTCA CCCCGCCACC CCCCGCCGCT TTAACCGCAG
GGAACTCTGG CGTAAGAGCT TTGTGTGACC AGGCCAGGGC TGGTTAGAAG
TGCTCAGGGC CCAGACTCAG CCAGGAATCA AGGTCAGGAC CCCAAGAGGG
GACTGAGGGC AACCCACCCC CTACCCTCAC TACCAATCCC ATCCCCCAAC
ACCAACCCCA CCCCCATCCC TCAAACACCA ACCCCACCCC CAAACCCCAT
TCCCATCTCC TCCCCCACCA CCATCCTGGC AGAATCCGGC TTTGCCCCTG
CAATCAACCC ACGGAAGCTC CGGGAATGGC GGCCAAGCAC GCGGATCCTG
ACGTTCACAT GTACGGCTAA GGGAGGGAAG GGGTTGGGTC TCGTGAGTAT
GGCCTTTGGG ATGCAGAGGA AGGCCCCAGG CCTCCTGGAA GACAGTGGAG
TCCTTAGGGG ACCCAGCATG CCAGGACAGG GGGCCCACTG TACCCCTGTC
TCAAACTGAG CCACCTTTTC ATTCAGCCGA GGGAATCCTA GGGATGCAGA
CCCACTTCAG GGGGTTGGGG CCCAGCCTGC GAGGAGTCAA GGGGAGGAAG
AAGAGGGAGG ACTGAGGGGA CCTTGGAGTC CAGATCAGTG GCAACCTTGG
GCTGGGGGAT CCTGGGCACA GTGGCCGAAT GTGCCCCGTG CTCATTGCAC
CTTCAGGGTG ACAGAGAGTT GAGGGCTGTG GTCTGAGGGC TGGGACTTCA
GGTCAGCAGA GGGAGGAATC CCAGGATCTG CCGGACCCAA GGTGTGCCCC
CTTCATGAGG ACTCCCCATA CCCCCGGCCC AGAAAGAAGG GATGCCACAG
AGTCTGGAAG TAAATTGTTC TTAGCTCTGG GGGAACCTGA TCAGGGATGG
CCCTAAGTGA CAATCTCATT TGTACCACAG GCAGGAGGTT GGGGAACCCT
CAGGGAGATA AGGTGTTGGT GTAAAGAGGA GCTGTCTGCT CATTTCAGGG
GGTTCCCCCT TGAGAAAGGG CAGTCCCTGG CAGGAGTAAA GATGAGTAAC
CCACAGGAGG CCATCATAAC GTTCACCCTA GAACCAAAGG GGTCAGCCCT
GGACAACGCA CGTGGGGTAA CAGGATGTGG CCCCTCCTCA CTTGTCTTTC
CAGATCTCAG GGAGTTGATG ACCTTGTTTT CAGAAGGTGA CTCAGTCAAC
ACAGGGGCCC CTCTGGTCGA CAGATGCAGT GGTTCTAGGA TCTGCCAAGC
ATCCAGGTGG AGAGCCTGAG GTAGGATTGA GGGTACCCCT GGGCCAGAAT
GCAGCAAGGG GGCCCCATAC AAATCTGCCC TGCCCCTGCG GTTACTTCAG
AGACCCTGGC CAGGGCTGTC AGCTGAAGTC CCTCCATTAT CTGGGATCTT
TGATGTCAGG GAAGGGGAGG CCTTGGTCTG AAGGGGCTGG AGTCAGGTCA
GTAGAGGGAG GGTCTCAGGC CCTGCCAGGA GTGGACGTGA GGACCAAGCG
GACTCGTCAC CCAGGACACC TGGACTCCAA TGAATTTGAC ATCTCTCGCT
GTCCTTCGCG GAGGACCTGG TCACGTATGG CCAGATGTGG GTCCCCTCTA
TCTCCTTCTG TACCATATCA GGGATGTGAG TTCTTGACAT GAGAGATTCT
CAAGCCAGCA AAAGGGTGGG ATTAGGCCCT ACAAGGAGAA AGGTGAGGGC
CCTGAGTGAG CACAGAGGGG ACCCTCCACC CAAGTAGAGT GGGGACCTCA
CGGAGTCTGG CCAACCCTGC TGAGACTTCT GGGAATCCGT GGCTGTGCTT
GCAGTCTGCA CACTGAAGGC CCGTGCATTC CTCTCCCAGG AATCAGGAGC
TCCAGGAACC AGGCAGTGAG GCCTTGGTCT GAGTCAGTGC CTCAGGTCAC
AGAGCAGAGG GGACGCAGAC AGTGCCAACA CTGAAGGTTT GCCTGGAATG
CACACCAAGG GCCCCACCCG CCCAGAACAA ATGGGACTCC AGAGGGCCTG
GCCTCACCCT CCCTATTCTC AGTCCTGCAG CCTGAGCATG TGCTGGCCGG
CTGTACCCTG AGGTGCCCTC CCACTTCCTC CTTCAGGTTC TGAGGGGGAC
AGGCTGACAA GTAGGACCCG AGGCACTGGA GGAGCATTGA AGGAGAAGAT
CTGTAAGTAA GCCTTTGTCA GAGCCTCCAA GGTTCAGTTC AGTTCTCACC
TAAGGCCTCA CAGACGCTCC TTCTCTCCCC AGGCCTGTGG GTCTTCATTG
CCCAGCTGCT GCCCGCACTC CTGCCTGCTG CCCTGACCAG AGTCATC
ATG CCT CTT GAG CAG AGG AGT CAG CAC TGC AAG CCT GAA GAA
GGC CTT GAG GCC CGA GGA GAG GCC CTG GGC CTG GTG GGT GCG
CAG GCT CCT GCT ACT GAG GAG CAG CAG ACC GCT TCT TCC TCT
TCT ACT CTA GTG GAA GTT ACC CTG GGG GAG GTG CCT GCT GCC
GAC TCA CCG AGT CCT CCC CAC AGT CCT CAG GGA GCC TCC AGC
TTC TCG ACT ACC ATC AAC TAC ACT CTT TGG AGA CAA TCC GAT
GAG GGC TCC AGC AAC CAA GAA GAG GAG GGG CCA AGA ATG TTT
CCC GAC CTG GAG TCC GAG TTC CAA GCA GCA ATC AGT ACG AAG
ATG GTT GAG TTG GTT CAT TTT CTG CTC CTC AAG TAT CGA GCC
AGG GAG CCG GTC ACA AAG GCA GAA ATG CTG GAG AGT GTC CTC
AGA AAT TGC CAG GAC TTC TTT CCC GTG ATC TTC AGC AAA GCC
TCC GAG TAC TTG CAG CTG GTC TTT GGC ATC GAG GTG GTG GAA
GTG GTC CCC ATC AGC CAC TTG TAC ATC CTT GTC ACC TGC CTG
GGC CTC TCC TAC GAT GGC CTG CTG GGC GAC AAT CAG GTC ATG
CCC AAG ACA GGC CTC CTG ATA ATC GTC CTG GCC ATA ATC GCA
ATA GAG GGC GAC TGT GCC CCT GAG GAG AAA ATC TGG GAG GAG
CTG AGT ATG TTG GAG GTG TTT GAG GGG AGG GAG GAC AGT GTC

Figure 18a

Gène MAGE

TTC GCA CAT CCC AGG AAG CTG CTC ATG CAA GAT CTG GTG CAG
GAA AAC TAC CTG GAG TAC CGG CAG GTG CCC GGC AGT GAT CCT
GCA TGC TAC GAG TTC CTG TGG GGT CCA AGG GCC CTC ATT GAA
ACC AGC TAT GTG AAA GTC CTG CAC CAT ACA CTA AAG ATC GGT
GGA GAA CCT CAC ATT TCC TAC CCA CCC CTG CAT GAA CGG GCT
TTG AGA GAG GGA GAA GAG TGA
GTCTCAGCAC ATGTTGCAGC CAGGGCCAGT GGGAGGGGGT CTGGGCCAGT
GCACCTTCCA GGGCCCCATC CATTAGCTTC CACTGCCTCG TGTGATATGA
GGCCCATTCC TGCCTCTTTG AAGAGAGCAG TCAGCAATCT TAGCAGTGAG
TTTCTGTTCT GTTGGATGAC TTTGACATTT ATCTTTCTTT CCTGTTGGAA
TTGTTCAAAT GTTCCTTTTA ACAAATGGTT GGATGAACTT CAGCATCCAA
GTTTATGAAT GACAGTAGTC ACACATAGTG CTGTTTATAT AGTTTAGGGC
TAAGAGTCCT GTTTTTTATT CAGATTGGGA AATCCATTCC ATTTTGTGAG
TTGTCACATA ATAACAGCAG TGCAATATGT ATTTGCCTAT ATTGTGAACG
AATTAGCAGT AAAATACATG ATACAAGGAA CTCAAAAGAT AGTTAATTCT
TGCCTTATAC CTCAGTCTAT TATGTAAAAT TAAAAATATG TGTATGTTTT
TGCTTCTTTG AGAATGCAAA AGAAATTAAA TCTGAATAAA TTCTTCCTGT
TCACTGGCTC ATTTCTTTAC CATTCACTCA GCATCTGCTC TGTGGAAGGC
CCTGGTAGTA GTGGG

Figure 18b

Gène MAGE-21

GGATCCCCAT GGATCCAGGA AGAATCCAGT TCCACCCCTG CTGTGAACCC
AGGGAAGTCA CGGGGCCGGA TGTGACGCCA CTGACTTGCG CGTTGGAGGT
CAGAGAACAG CGAGATTCTC GCCCTGAGCA ACGGCCTGAC GTCGGCGGAG
GGAAGCAGGC GCAGGCTCCG TGAGGAGGCA AGGTAAGATG CCGAGGGAGG
ACTGAGGCGG GCCTCACCCC AGACAGAGGG CCCCCAATAA TCCAGCGCTG
CCTCTGCTGC CAGGCCTGGA CCACCCTGCA GGGGAAGACT TCTCAGGCTC
AGTCGCCACC ACCTCACCCC GCCACCCCCC GCCGCTTTAA CCGCAGGGAA
CTCTGGTGTA AGAGCTTTGT GTGACCAGGG CAGGGCTGGT TAGAAGTGCT
CAGGGCCCAG ACTCAGCCAG GAATCAAGGT CAGGACCCCA AGAGGGGACT
GAGGGTAACC CCCCCGCACC CCCACCACCA TTCCCATCCC CCAACACCAA
CCCCACCCCC ATCCCCCAAC ACCAAACCCA CCACCATCGC TCAAACATCA
ACGGCACCCC CAAACCCCGA TTCCCATCCC CACCCATCCT GGCAGAATCC
GAGCTTTGCC CCTGCAATCA ACCCACGGAA GCTCCGGGAA TGGCGGCCAA
GCACGCGGAT CC

Figure 19

cDNA MAGE-3 (PvdB)

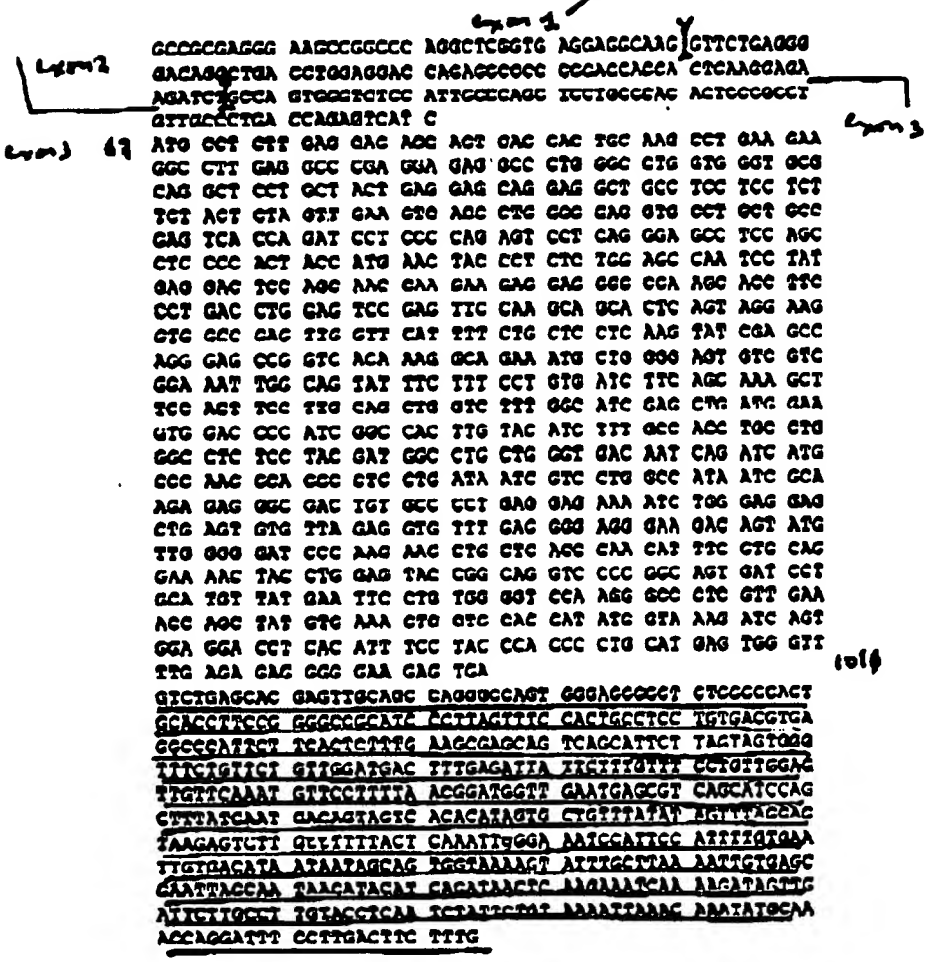

Figure 20

Gène MAGE-31

GGATCCTCCA CCCCAGTAGA GTGGGGACCT CACAGAGTCT GGCCAACCCT
CCTGACAGTT CTGGGAATCC GTGGCTGCGT TTGCTGTCTG CACATTGGGG
GCCCGTGGAT TCCTCTCCCA GGAATCAGGA GCTCCAGGAA CAAGGCAGTG
AGGACTTGGT CTGAGGCAGT GTCCTCAGGT CACAGAGTAG AGGGGGCTCA
GATAGTGCCA ACGGTGAAGG TTTGCCTTGG ATTCAAACCA AGGGCCCCAC
CTGCCCCAGA ACACATGGAC TCCAGAGCGC CTGGCCTCAC CCTCAATACT
TTCAGTCCTG CAGCCTCAGC ATGCGCTGGC CGGATGTACC CTGAGGTGCC
CTCTCACTTC CTCCTTCAGG TTCTGAGGGG ACAGGCTGAC CTGGAGGACC
AGAGGCCCCC GGAGGAGCAC TGAAGGAGAA GATCTGTAAG TAAGCCTTTG
TTAGAGCCTC CAAGGTTCCA TTCAGTACTC AGCTGAGGTC TCTCACATGC
TCCCTCTCTC CCCAGGCCAG TGGGTCTCCA TTGCCCAGCT CCTGCCCACA
CTCCCGCCTG TTGCCCTGAC CAGAGTCATC

ATG CCT CTT GAG CAG AGG AGT CAG CAC TGC AAG CCT GAA GAA
GGC CTT GAG GCC CGA GGA GAG GCC CTG GGC CTG GTG GGT GCG
CAG GCT CCT GCT ACT GAG GAG CAG GAC GCT GCC TCC TCC TCT
TCT AGT GTA GTT GAA GTC ACC CTG GGG GAG GTG CCT GCT GCC
GAG TCA CCA GAT CCT CCC CAG AGT CCT CAG GGA GCC TCC AGC
CTC CCC ACT ACC ATG AAC TAC CCT CTC TGG AGC CAA TCC TAT
GAG GAC TCC AGC AAC CAA GAA GAG GAG GGG CCA AGC ACC TTC
CCT GAC CTG GAG TCT GAG TTC CAA GCA GCA CTC AGT AGG AAG
GTG GCC AAG TTG GTT CAT TTT CTG CTC

Figure 21

cDNA MAGE-4

GGG CCA AGC ACC TCG CCT GAC GCA GAG TCC TTG TTC CGA GAA 1

GCA CTC AGT AAC AAG GTG GAT GAG TTG GCT CAT TTT CTG CTC

CGC AAG TAT CGA GCC AAG GAG CTG GTC ACA AAG GCA GAA ATG

CTG GAG AGA GTC ATC AAA AAT TAC AAG CGC TGC TTT CCT GTG

ATC TTC GGC AAA GCC TCC GAG TCC CTG AAG ATG ATC TTT GGC

ATT GAC GTG AAG GAA GTG GAC CCC GCC AGC AAC ACC TAC ACC

CTT GTC ACC TGC CTG GGC CTT TCC TAT GAT GGC CTG CTG GGT

AAT AAT CAG ATC TTT CCC AAG ACA GGC CTT CTG ATA ATC GTC

CTG GGC ACA ATT GCA ATG GAG GGC GAC AGC GCC TCT GAG GAG

GAA ATC TGG GAG GAG CTG GGT GTG ATG GGG GTG TAT GAT GGG

AGG GAG CAC ACT GTC TAT GGG GAG CCC AGG AAA CTG CTC ACC

CAA GAT TGG GTG CAG GAA AAC TAC CTG GAG TAC CGG CAG GTA

CCC GGC AGT AAT CCT GCG CGC TAT GAG TTC CTG TGG GGT CCA

AGG GCT CTG GCT GAA ACC AGC TAT GTG AAA GTC CTG GAG CAT

GTG GTC AGG GTC AAT GCA AGA GTT CGC ATT GCC TAC CCA TCC

CTG CGT GAA GCA GCT TTG TTA GAG GAG GAA GAG GGA GTC TGA

GCATGAGTTG CAGCCAGGGC TGTGGGGAAG GGGCAGGGCT GGGCCAGTGC

ATCTAACAGC CCTGTGCAGC AGCTTCCCTT GCCTCGTGTA ACATGAGGCC

CATTCTTCAC TCTGTTTGAA GAAAATAGTC AGTGTTCTTA GTAGTGGGTT

TCTATTTTGT TGCATGACTT GGAGATTTAT CTCTGTTTCC TTTACAATTG

TTGAAATGTT CCTTTTAATG GATGGTTGAA TTAACTTCAG CATCCAAGTT

TATGAATCGT AGTTAACGTA TATTGCTGTT AATATAGTTT AGGAGTAAGA

GTCTTGTTTT TTATTCAGAT TGGGCCCTCC GTTCTATTTT GTGAATTTGG

GACATAATAA CAGCAGTGGA GTAAGTATTT AGAAGTGTGA ATTC

Figure 22

Gène MAGE-5

GGATCCCCAG GAGGCCCTAG AGGAGCACCA AAGGAGAAGA TCTGTAAGTA
AGCCTTTGTT AGAGCCTCCA AGGTTCAGTT TTTAGCTGAG GCTTCTCACA
TGCTCCCTCT CTCTCCAGGC CAGTGGGTCT CCATTGCCCA GCTCCTGCCC
ACACTCCTGC CTGTTGCGGT GACCAGAGTC GTC
ATG TCT CTT GAG CAG AAG AGT CAG CAC TGC AAG CCT GAG GAA
GGC CTT GAC ACC CAA GAA GAG GCC CTG GGC TGG TGG GTG TGC
AGG CTG CCA CTA CTG AGG AGC AGG AGG CTG TGT CCT CCT CCT
CTC CTC TGG TCC AGG CAC CCT

Figure 23

Gène MAGE-6

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TAT TTC TTT CCT GTG ATC TTC AGC AAA GCT TCC GAT TCC TTG
CAG CTG GTC TTT GGC ATC GAG CTG ATG GAA GTG GAC CCC ATC
GGC CAC GTG TAC ATC TTT GCC ACC TGC CTG GGC CTC TCC TAC
GAT GGC CTG CTG GGT GAC AAT CAG ATC ATG CCC AGG ACA GGC
TTC CTG ATA ATC ATC CTG GCC ATA ATC GCA AGA GAG GGC GAC
TGT GCC CCT GAG GAG
```

Figure 24

Gène MAGE-7

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ACA AGC ACT AGT TTC CTT GTG ATC TAT GCC AAA GCC TCA GAG
TGC ATG CAG GTG ATG TTT GGC ATT GAC ATG AAG GAA GTG GAC
CCC GCG GCC ACT CCT ACG TCT TGT ACC TGC TTG GGC CTC TCC
TAC AAT GGC CTG CTG GGT GAT GAT CAG AGC ATG CCC GAG A
```

Figure 25